

# UK Project on Nuclear Issues 2019 Annual Conference

Thursday 13 June 2019 RUSI, 61 Whitehall, London SW1A 2ET

- 0830                    **Registration and Welcome Coffee**  
 Library
- 0900                    Opening remarks – Tom Plant, Director UK PONI
- 0910                    **Morning Keynote**  
 Duke of Wellington Hall  
 Chair: Tom Plant, Director UK PONI  
 Speaker: Nicole Kett, Director, Resources and Policy, Defence Nuclear Organisation, Ministry of Defence
- 0955                    **Session One: UK Nuclear Policy and Practice**  
 Duke of Wellington Hall  
 Chair: Dr Susan Martin, Centre for Science and Security Studies King’s College London  
 Speakers: Thomas Roberts, Systems Engineer Marine & Technology, Babcock  
*More Than A Mission: The impact of a support solution on submarine availability, cost and safety.*  
 Sophie McCormack, MA Student, Strategy and Security Institute, University of Exeter  
*British political understanding of the term ‘nuclear deterrence’*  
 Jana Wattenberg, PhD Candidate, Aberystwyth University  
*The UK and the Ban Treaty*
- 1055                    **Morning coffee – Library**
- 1115                    **Session Two: Emerging Issues in Deterrence and Arms Control**  
 Duke of Wellington Hall  
 Chair: Dr Beyza Unal, Senior Research Fellow, Chatham House  
 Speakers: Jamie Kwong, PhD Candidate, King’s College London  
*A troubling forecast: climate change and the future of nuclear deterrence*  
 Jennifer Edwards, Graduate Systems Engineer, Lockheed Martin UK  
*Deterrence goes orbital*  
 Madison A. Estes, Associate Research Analyst, Center for Naval Analyses  
*New Futures for Nuclear Arms Control: Examining a Framework and Possibilities with Hypersonic Weapons*  
 Dr James Johnson, Postdoctoral Fellow, James Martin Center for Nonproliferation Studies at the Middlebury Institute of International Studies  
*The impact of Artificial Intelligence on Strategic Stability, Escalation and Nuclear Security*
- 1235                    **Lunch - Library**

1335 **Lunchtime activity – Project on Nuclear Gaming**  
 Duke of Wellington Hall

Chair: Sam Dudin, Research Fellow, RUSI  
 Speakers: Andrew Reddie, University of California, Berkley

1435 **Session Three: South Asia: trends and risks**  
 Duke of Wellington Hall

Chair: Nicholas Taylor, Senior Principal Analyst, Defence and Science Technology Laboratory  
 Speakers: Dr Salma Shaheen, Graduate Teaching Assistant, King's College London  
*The Role of Media in Escalation and De-escalation of Crisis*  
 Syed Adnan, Visiting PhD Candidate, University of Leicester  
*Tactical nuclear weapons and their role in India-Pakistan relations*  
 Sam Guthrie, Strategic Environment Analyst, Defence Science and Technology Laboratory  
*AI and Nuclear Deterrence: A pathway to crisis for India and Pakistan*  
 Shounak Set, Marie-Sklodowska Curie Research Fellow, King's College London  
*Enduring trajectory versus emerging trends: nuclear South Asia revisited*

1555 **Afternoon coffee – Library**

1615 **Session Four: nuclear economies and geographies**  
 Duke of Wellington Hall

Chair: Jack Gritt, President Women in Nuclear UK  
 Speakers: Geoffrey Chapman, PhD Candidate, King's College London  
*Britain's Weapons Establishment and Tacit Knowledge: selling skills*  
 Stephen Beckett, Optimisation Engineer, Rolls-Royce Submarines  
*Nuclear in a changing UK*  
 Thomas Davis, PhD Researcher and Clarendon Scholar, University of Oxford  
*Could the global transition to Generation IV nuclear reactors strengthen Russia's growing sphere of influence?*

1715 **Closing Remarks**  
 Duke of Wellington Hall

Speaker: Tom Plant, Director, UK PONI

1720 Drinks Reception – Library

1915 Dinner – Duke of Wellington Hall

2015 **Dinner Keynote**

Chair: Professor Malcolm Chalmers, Deputy Director-General RUSI  
 Speaker: Lars-Erik Lundin, Senior Fellow, Institute for Security and Development Policy Sweden